

ABSTRACT OF THE DISCLOSURE

05 An adjustable continuous filtration system; a
continuous split-stream bypass filtration system; a method
for controlling the proportion of a fluid recycled through a
filtration system; a method for controlling the proportion
of a fluid which is routed to the filter of a filtration
system, and the proportion of the fluid which is discharged
from the system without passing through the filter; and a
method for controlling the quality of cooking fats and
10 cooking oils. The mechanisms for controlling the proportion
of fluid routed or recycled to a filter depend on the size
or width of orifices in passageways conveying the fluid,
including the restriction of one or more of the orifices. A
needle valve beneficially provides a continuous range of
15 variation of orifice size. If the quality of cooking fat or
cooking oil discharged from the filtration system is below
industry standards, the proportion of the cooking fat or
cooking oil routed or recycled to the filter is increased.
If the quality of the discharged cooking fat or cooking oil
20 is appreciably above industry standards, the proportion of
the cooking fat or cooking oil routed or recycled to the
filter is decreased.